



# PUBLIC NOTICE

Alaska Department of Environmental Conservation (DEC)  
Wastewater Discharge Authorization Program  
555 Cordova Street  
Anchorage, Alaska 99501

NOTICE OF PROPOSED ISSUANCE OF AN  
ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM (APDES)  
**DRAFT INDIVIDUAL PERMIT**  
TO DISCHARGE TO WATERS OF THE UNITED STATES

A draft individual permit, fact sheet and associated documents are available for review and are accessible from the DEC website: <http://www.dec.state.ak.us/water/wwdp/index.htm>. For inquiries or to request copies of documents, contact:

**DEC Contact:**

Melinda Smodey, DEC, Division of Water  
555 Cordova Street  
Anchorage AK 99501  
907-269-7564  
[Melinda.Smodey@alaska.gov](mailto:Melinda.Smodey@alaska.gov)

**Public Notice Start Date: 3/27/2012**

**Public Notice Expiration Date: 4/25/2012**

**Permit No.:**           **AK0053619**

**Applicant:**

Alaska Electric and Energy Cooperative, Inc  
280 Airport Way  
Kenai, AK 99611-5280

**Proposed Project and Location:**

The Nikiski Combined Cycle Plant (NCC), a proposed combined cycle electric generation facility, is owned and will be operated by Alaska Electric and Energy Cooperative, Inc. (AEEC). The facility is located along Mile 21.5 of Kenai Spur Highway in Kenai, Alaska. AEEC is converting their existing simple cycle electric generation facility to a combined cycle electric generation facility which will increase power generation capacity from 40 megawatts (simple cycle configuration) to 77 megawatts (combined cycle configuration).

The facility will discharge treated process wastewater into Cook Inlet. Treated wastewater streams to be discharged include reverse osmosis reject water, carbon filter back washes, and

wash down water. There will be one wastewater outfall (Outfall 001) associated with the facility that discharges into Cook Inlet at Latitude 60° 40' 34.3" N, Longitude -151° 23' 41.3" W. The outfall, which is fitted with a diffuser, will extend approximately 1,000 feet from the mean lower low water shoreline, and extend vertically approximately five feet above the seafloor. The Department proposes to authorize a circular mixing zone with a radius of eight meters from the diffuser for chlorine, temperature, arsenic and copper. All Water Quality Standards will be met at the boundary of the mixing zone.

**Tentative Determination:**

DEC has tentatively determined to issue a discharge permit to the above listed applicant.

**Public Comments:**

Written comments or requests for a public hearing on the APDES draft permit must be submitted within 30 days of the issuance of this public notice. Please direct written comments and requests to the attention of Melinda Smodey at the address or email identified above. All comments should include the name, address, and telephone number of the commenter and a concise statement of comment on the permit condition(s) and the relevant facts upon which the comment is based. Comments of either support or concern that are directed at specific, cited permit requirements are appreciated. Mailed comments and requests must be postmarked on or before the expiration date of the public notice.

DEC will consider all comments in making the final decision and will answer the comments in a Response to Comments that will be issued when DEC issues a final permit. The Response to Comments will be made available to the public.

Any interested person may submit a written request for a public hearing if no hearing has already been scheduled. A request for a public hearing shall state the nature of the issues to be raised, as well as the requester's name, address and telephone number. DEC will hold a public hearing whenever DEC finds, on the basis of requests, a significant degree of public interest in a draft permit. DEC may also hold a public hearing if a hearing might clarify one or more issues involved in a permit decision or for other good reason in DEC's discretion.

DEC will transmit the final permit, fact sheet (amended as appropriate), and Response to Comments to anyone who provided comments during the public review period or requested to be notified of DEC final decision.

**DEADLINE FOR WRITTEN COMMENTS OR REQUEST FOR PUBLIC HEARING:  
April 25<sup>th</sup>, 2012 at 5:00 p.m.**

**Administrative Record:**

The APDES draft permit, fact sheet, permit application, and associated documents are available for public review at the DEC offices located in Anchorage, Fairbanks, Juneau, Soldotna, and Wasilla. Please contact the office of your choice to arrange for hard copies of the documents to be available for your review.

555 Cordova Street  
**Anchorage**, AK 99501  
907-269-6285

610 University Avenue  
**Fairbanks**, AK 99709  
907-451-2100

410 Willoughby Ave #303  
**Juneau**, AK 99811  
907-465-5300

43335 Kalifornsky Beach Road  
**Soldotna**, AK 99615  
907-262-5210  
907-376-1850

1700 E Bogard Road #B  
Suite #103  
**Wasilla**, AK 99654

If you would like further information, or to see any additional supporting technical documents, please contact Melinda Smodey.

The documents are also accessible from the DEC website at:  
<http://www.dec.state.ak.us/water/wwdp/index.htm>

To receive email notifications about the APDES Program, including when permits are available to review, follow the link below to join the APDES email list.  
[http://dec.alaska.gov/water/npdes/npdes\\_email\\_list.htm](http://dec.alaska.gov/water/npdes/npdes_email_list.htm)

## **Disability Reasonable Accommodation Notice**

The State of Alaska, Department of Environmental Conservation complies with Title II of the Americans with Disabilities Act of 1990. If you are a person with a disability who may need a special accommodation in order to participate in this public process, please contact Deborah Pock at (907) 269-0291 or TDD Relay Service 1-800-770-8973/TTY or dial 711 within 30 days of publication of this notice to ensure that any necessary accommodations can be provided.